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**COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY**  
(Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER  
**PET-1975**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

☒ I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**PROCESS FOR TREATMENT OF C4 HYDROCARBONS THAT COMPRISE BUTADIENE AND ACETYLENE COMPOUNDS THAT COMPRISE STAGES FOR DISTILLATION AND SELECTIVE HYDROGENATION**

the specification of which (check only one item below):

- ☐ is attached hereto.  
☒ was filed as United States application

Serial No. 10/024,500

on December 21, 2001

and was amended

on \_\_\_\_\_ (if applicable).

- ☐ was filed as PCT international application

Number \_\_\_\_\_

on \_\_\_\_\_,

and was amended under PCT Article 19

on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim priority benefits under Title 35, United States Code, § 119 or 365 (b) of the following United States provisional application(s) and of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

**PRIOR U.S. PROVISIONAL AND FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:**

COUNTRY (if PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
FRANCE	00/16.726	21 DEC 00	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint I. William Millen (19,544); John L. White (17,746); Anthony J. Zelano (27,969); Alan E.J. Branigan (20,565); John R. Moses (24,983); Harry B. Shubin (32,004); Brion P. Heaney (32,542); Richard J. Traverso (30,595); John A. Sopp (33,103); Richard M. Lebovitz (37,067); John H. Thomas (33,460); James E. Ruland (37,432); Nancy Axelrod (44,014); Jennifer J. Branigan (40,921); Robert E. McCarthy, (46,044); and Jonathan G. Brown (47,451) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Send Correspondence to: Customer No. 23599

Telephone No.  
703/243-6333

Direct Telephone Calls to:  
I. William Millen

**23599**

PATENT TRADEMARK OFFICE

**Combined Declaration for Patent Application and Power of Attorney (Continued)**

(Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER

PET-1975

201	FULL NAME OF INVENTOR	FAMILY NAME PINAULT	FIRST GIVEN NAME Mathieu	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY LYON	STATE OR FOREIGN COUNTRY FRANCE	COUNTRY OF CITIZENSHIP FRANCE
	POST OFFICE ADDRESS	STREET 12 rue Victor Sardou	CITY LYON	STATE & ZIP CODE/COUNTRY 69007, FRANCE
202	FULL NAME OF INVENTOR	FAMILY NAME COUPARD	FIRST GIVEN NAME Vincent	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY VAULX EN VELIN	STATE OR FOREIGN COUNTRY FRANCE	COUNTRY OF CITIZENSHIP FRANCE
	POST OFFICE ADDRESS	STREET 5 rue A. Béraud	CITY VAULX EN VELIN	STATE & ZIP CODE/COUNTRY 69120, FRANCE
203	FULL NAME OF INVENTOR	FAMILY NAME BOYER	FIRST GIVEN NAME Christophe	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY CHARLY	STATE OR FOREIGN COUNTRY FRANCE	COUNTRY OF CITIZENSHIP FRANCE
	POST OFFICE ADDRESS	STREET 626 rue de la Brosse	CITY CHARLY	STATE & ZIP CODE/COUNTRY 69390, FRANCE
204	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
205	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
206	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
207	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY

# **Combined Declaration for Patent Application and Power of Attorney (Continued)** (Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER  
PET-1975

208	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
209	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
210	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
211	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
212	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 <i>Mathieu Pinault</i>	DATE 22/02/02	SIGNATURE OF INVENTOR 207	DATE
SIGNATURE OF INVENTOR 202 <i>Vincent Caupard</i>	DATE 22-02-02	SIGNATURE OF INVENTOR 208	DATE
SIGNATURE OF INVENTOR 203 <i>Christophe Boyer</i>	DATE 25.02.02	SIGNATURE OF INVENTOR 209	DATE
SIGNATURE OF INVENTOR 204	DATE	SIGNATURE OF INVENTOR 210	DATE
SIGNATURE OF INVENTOR 205	DATE	SIGNATURE OF INVENTOR 211	DATE
SIGNATURE OF INVENTOR 206	DATE	SIGNATURE OF INVENTOR 212	DATE